

### FY 2022 Budget Review Schedule

Tuesday, April 27 Introduction of the FY 2022 Preliminary Fiscal Plan (10am)

Tuesday, May 4\* Budget Review Workshop (9am – Noon)

Thursday, May 6\* Budget Town Hall (TBD)

Tuesday, May 11 \* Committee of the Whole (10am) and Budget Review Workshop (1 – 5pm)

Tuesday, May 18 Committee of the Whole **Discussion and Deliberation** (10am)

Public Hearing at City Commission (7pm)

\*ਜਿਪੀਤ ਕਰੀਲ, ਨਿਰੀ 20\* City Commission Adoption (9 – 11am)

FY 2022 PFP Sustainability, Capital Investments, Stormwater and

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## Overview of Budget Topics Schedule

- April 27 Introduction of the FY 2022 Preliminary Fiscal Plan
  - Financial Overview (Fiscal Sustainability and Discipline)
  - Equity Investments
  - Summary of proposed work by Strategic Plan priority
- May 4 Budget Review Workshop
  - Public Safety Reform and Crime Prevention / Violence Reduction
  - Third Ward / Neighborhood of Focus Equity Funding
- May 11 COW: Briefing on Sustainability, Capital Investments, Stormwater and Vital Streets
- May 11 Budget Review Workshop
  - · Housing and Homelessness
  - COVID Relief / Economic Recovery including Health Impacts
  - Cannabis Update
  - Legislative Update on Federal Investment
- May 18 Discussion and Deliberation at COW and Public Hearing at the evening meeting

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Vital Streets May 11

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### **Today's Objectives**

- Presentation on Sustainability, including the City's commitment to climate change mitigation, adaptation and resilience
- Overview of Capital Investments
- Stormwater Oversight Commission Update
- Vital Streets Oversight Commission Update

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City's Commitment to Climate Change Mitigation, Adaptation and Resilience

Leadership Commitment

Citywide Commitment

Office of Sustainability and Performance Management

For 2022 PFP Sustainability, Capital Investments, Stormwater and Wist Streets May 11

# City's Leadership Commitment to Climate Change Mitigation, Adaptation and Resilience (a few

examples)
• One of the first cities in the country to adopt sustainability as a priority (2005)

- Mayor Bliss has consistently advocated locally and nationally for climate change action and created the Energy Advisory Committee
- City Commission identified driving carbon reductions and ensuring climate resilience as one of the FY21 / FY22 horizon topics and has passed policies implementing this commitment (PACE, zoning ordinance updates for solar installations, environmental sustainability and energy requirements for cannabis facilities)
- City Manager and staff included sustainability as one of City's six core values and the first objective of the Health and Environment priority in our Strategic Plan is to reduce carbon emissions and enhance climate resiliency
- Legislative Priority Agenda includes responsibly protecting our environment and conserving our natural resources through polices and investments that increase climate resiliency, reduce carbon emissions, and support renewable energy production at industrial, community and residential scale; the City has also

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# Citywide Commitment to Climate Change Mitigation, Adaptation and Resilience (a few examples)

- <u>Vital Streets</u>: inclusion of green infrastructure as the standard for all street projects; narrower lane widths
- Engineering: invested nearly \$15 million to improve flood walls
- Environmental Services and Stormwater: one of the first cities to successfully separate stormwater system from wastewater; municipal leader on green infrastructure (diverted more than 9.2 million gallons of stormwater since tracking began in 2018); biodigester and renewable natural gas
- <u>Water</u>: one megawatt solar installation in process; partnership with Grand Haven Township to protect the Lake Michigan shoreline
- Street Lighting: recently approved \$9.4 million to transition 18,000 lights to LED
- <u>Public Works</u>: one of the first communities to offer free curbside single stream recycling: recently began operating an onsite yard waste composting facility

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# Citywide Commitment to Climate Change Mitigation, Adaptation and Resilience (a few

- <u>Parks</u>: implementing a forestry sustainability plan; 40% tree canopy goal; increasing green space to ensure all residents have access within a 10-minute walk; conversion to natural turf care; plant native species
- <u>Planning, Design and Development</u>: elevating the focus on climate change in the upcoming Master Plan; all electrical inspectors completed a solar training
- Mobile GR: increasing multi-modal transportation options
- <u>Emergency Management</u>: climate change is identified as a factor that effects the hazards recognized in the process to update the Regional Hazard Mitigation Plan
- <u>Facilities</u>: 1<sup>st</sup> LEED certified municipal facility in the country; implementing energy efficiency equipment and processes across all facilities; 3 facilities have earned Energy Star Certification (1120 Monroe, Police Station, 201 Market)
- <u>Community Development</u>: 63 homes received energy efficiency upgrades through the Housing Rehabilitation and Lead Hazard Control Programs this fiscal

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# Management Commitment to Climate Change Mitigation, Adaptation and Resilience (a few

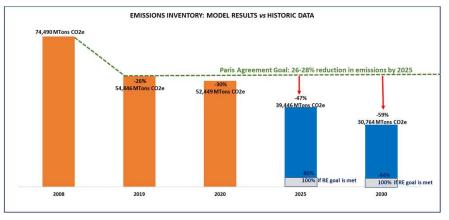
<mark>ဥေနာန်နှံႏွန္နမ်ာ့စုတ</mark>ှrt the Energy Advisory Committee

- Strategy and analysis on how to achieve our 100% renewable energy goal; solar projects and renewable energy credit management)
- Carbon emissions modeling and goal creation
- Community Collaboration on Climate Change (C4), Climate Action and Adaptation Plan (near future)
- Zero Cities Project, HEZero (equitable building decarbonization)
- SolSmart Silver designation
- Leading with environmental and climate justice
- Carbon and energy support for City departments (data tracking, Energy Star, rebates, etc.)
- Ranked 33 out of largest 100 U.S. cities on ACEEE City Clean Energy Scorecard
- Key liaison with community organizations, utilities, institutions and businesses

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# Municipal Greenhouse Gas / Carbon Emissions

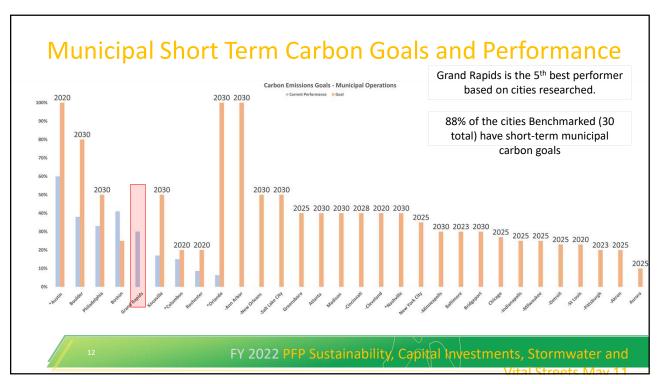


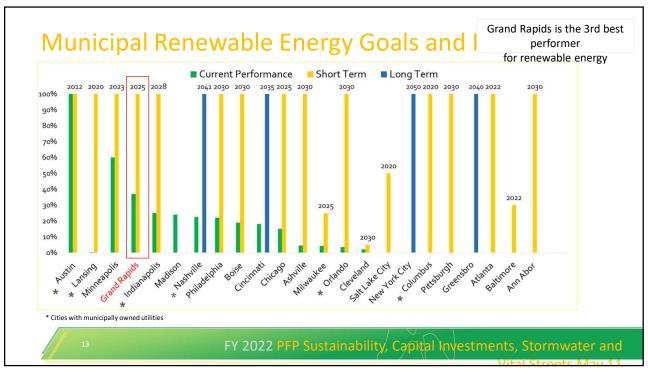
- City has reduced carbon emissions for buildings, utilities and fleet by 30%
- With the biodigester, LMFP solar, LED streetlighting, and utility carbon commitments we estimate we will achieve a 47% carbon reduction by 2025, which exceeds the Paris Climate Accord targets
- By 2030, we estimate at least a 59% emissions reduction
- If we achieve 100% renewable energy by 2030, our carbon emissions will be reduced by 84%

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## Citywide Commitment to Climate Change Key Upcoming Work

- · Currently evaluating a municipal carbon emissions goal
- Communitywide carbon emissions inventory
- Vulnerability Assessment in Partnership with Emergency Management for the Hazard Mitigation Plan
- Formally launching the Community Collaboration on Climate Change (C4)
- Grand Rapids Policies and Programs for Healthy, Equitable and Zero Carbon Buildings (HEZero; recently awarded \$750,000 in grant funding)
- Hire Environmental and Climate Justice Specialist replacement
- Continue to advocate with the Michigan Public Service Commission and State Legislature on energy and climate related issues

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## Capital Analysis Overview

- All capital projects are included regardless of fund source (General Fund, enterprise funds, grants, parks millage, leveraged funding, bonds, etc.)
- FY2022: \$96 million (25.6% increase over FY2021) with \$24.9 million invested in the Capital Improvement Fund (26.6%)
- FY2022 FY2026: \$428.2 million with \$91.3 million invested in the Capital Improvement Fund (21.4%)

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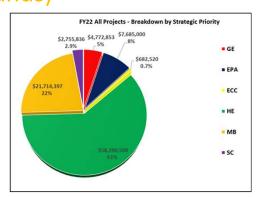
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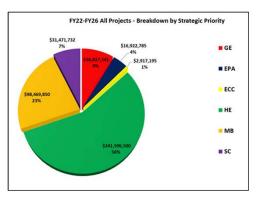
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# Capital Investment by Strategic Plan Priority (a) funds)







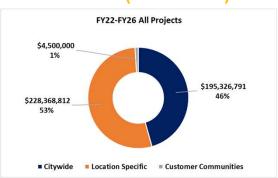


- · Health and Environment: all Environmental Services Department, water, parks and cemeteries projects as well as LED lighting
- Mobility: Vital Streets, sidewalks, parking, 21st century mobility and trail enhancements

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## Location Specific Capital Investments (all funds)

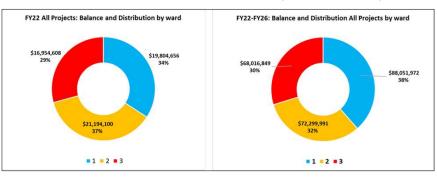




- Citywide: investments serve the entire community versus a specific neighborhood or location (location specific)
- · Location specific projects include wet and dry river projects, parks, cemeteries, water and sewer line work, systematic sidewalk repairs, Vital Streets, specific street lighting projects and fire station improvements

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## Ward Balance and Distribution (all funds)



- Goal: to achieve relative equality over time to the extent possible, particularly in light of asset location and asset management plans
- Parking, parks and cemetery projects located on a street that serves as a border between two Wards are split 50/50

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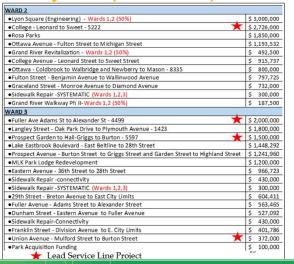
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## FY2022 Ward Specific Capital Projects (all funds)

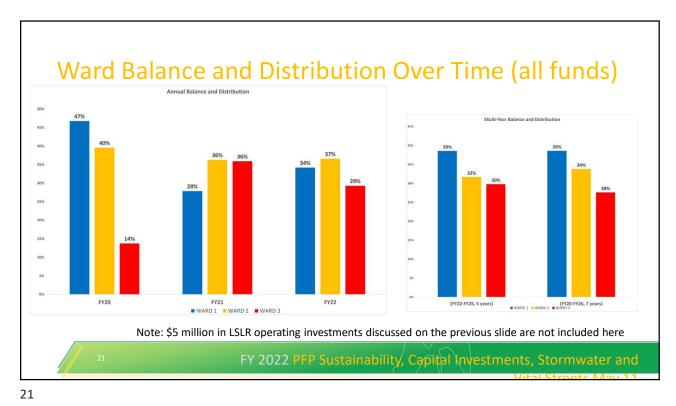
WARD 1	
●Lyon Square (Engineering) - Wards 1,2 (50%)	\$3,000,000
Garfield Avenue - Fulton St	\$1,891,000
Butterworth Low Pressure District - 4039	\$1,474,000
Norwich-Oxford to Hayden	\$1,200,000
●Collindale Avenue - Lake Michigan Drive to South of Leonard Street	\$1,066,457
●Grand River Revitalization - Wards 1,2 (50%)	\$ 492,500
Valley Avenue - 4th Street to Walker Avenue	\$ 940,115
Butterworth Street - O'Brien Road to Marion Avenue	\$ 867,060
•Market Avenue - Wealthy Street to Fulton Street; Fulton Street - Grand River to Market/	\$ 845,257
Sidewalk Repair - SYSTEMATIC (Wards 1,2,3)	\$ 300,000
●Grand River Walkway Ph II-Wards 1,2 (50%)	\$ 187,500

- In addition, \$5 million in operating expenses will be invested in lead service line replacements (LSLR) via an EPA grant
- Through FY2025, 86% of this investment will be made in the Third Ward (\$4.16 million) with the remaining invested in the First Ward
- Adding in these LSLR projects results in the following:



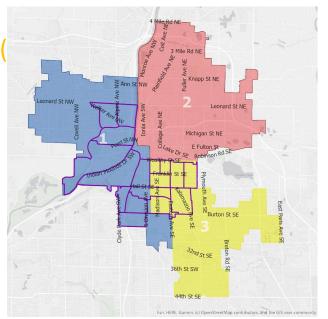
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## Neighborhoods of Focus (

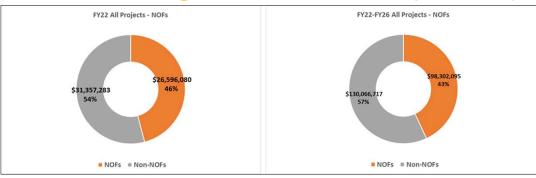
- 17 of 47 census tracts (36%) in Wards 1 and 3 in the near west and south side of Grand Rapids
- Due to systemic and historic inequities, residents in these geographic areas experience the most disparate outcomes in income, educational attainment and opportunity, home ownership and wealth accumulation compared to other Grand Rapids census tracts
- Highest percentage of Black, Indigenous and People of Color live in the NOF
- The City strives to eliminate inequities, therefore is intentional to invest in these areas



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# Investment in Neighborhoods of Focus (all funds)



- 42% in FY2021
- \$5 million in LSLR grant funded operating projects not included, but are all located in NOF
  - FY2022 with grant: 47% NOF
  - FY2022-2026 with grant: 44% NOF

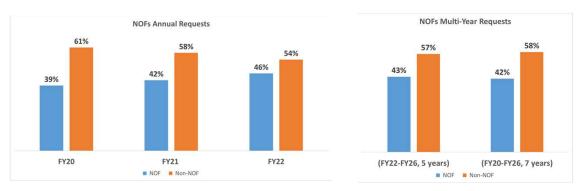
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# Investment in Neighborhoods of Focus Over Time (all funds)



Note: \$5 million in LSLR operating investments previously discussed are not included here

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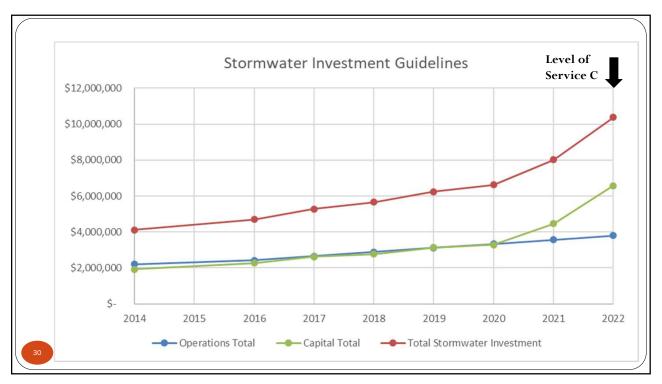


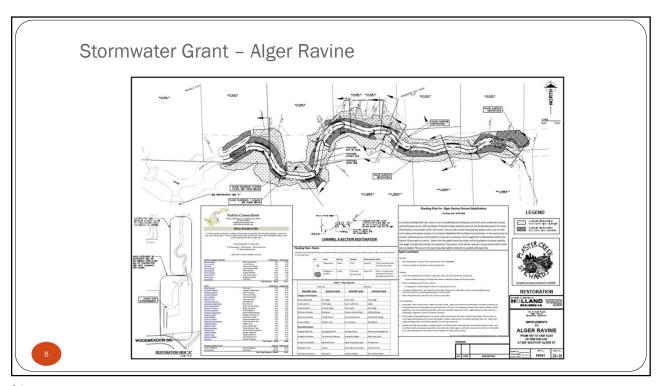


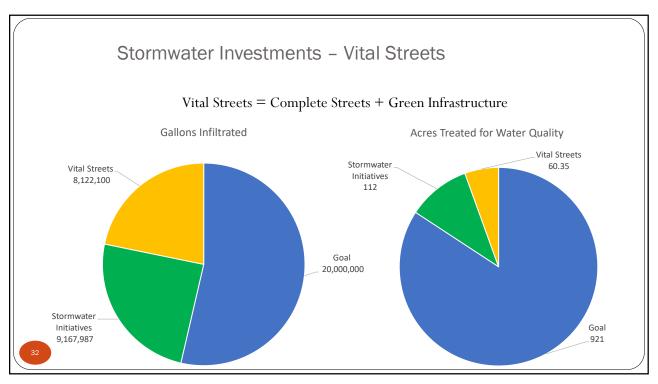




		Stormwa	ter Current versus	Future Inv	estment					
Operations Sources	Level "C"	Current (2014)	Investment Gap	2016*	2017	2018	2019	2020	2021	2022
General Fund	1,276,000	489,197	786,803	601,597	713,998	826,398	938,799	1,051,199	1,163,600	1,276,000
2020 Dollars	1,408,833						-	1,160,524	1,284,614	1,408,704
.ocal/Major Streets	1,500,000	730,598	769,402	840,513	950,427	1,060,342	1,170,256	1,280,171	1,390,085	1,500,000
2020 Dollars	1,656,000						-	1,413,309	1,534,654	1,656,000
Refuse (Street Sweeping)	1,020,000	980,000	40,000	985,714	991,429	997,143	1,002,857	1,008,571	1,014,286	1,020,000
Operations Total	6,860,833	2,199,795	1,596,205	2,427,824	2,655,854	2,883,883	3,111,912	5,913,774	6,387,239	6,860,704
Capital Sources										
Capital Reserve Fund	1,281,000	220,000	1,061,000	371,571	523,143	674,714	826,286	977,857	1,129,429	1,281,000
2020 Dollars	1,414,224							1,079,554	1,246,889	1,414,224
Green Infrastructure Street Capital**	5,300,000	1,700,000	3,600,000	1,900,000	2,100,000	2,100,000	2,300,000	2,300,000	3,328,571	5,300,000
Capital Total	7,995,224	1,920,000	4,661,000	2,271,571	2,623,143	2,774,714	3,126,286	4,357,411	5,704,889	7,995,224
nvestment Total	14,856,057	4,119,795	6,257,205	4,699,396	5,278,996	5,658,597	6,238,198	10,271,185	12,092,128	14,855,928
* Streets begin with repairs in first 5-7 and th	en reconstructio	on begins						1		





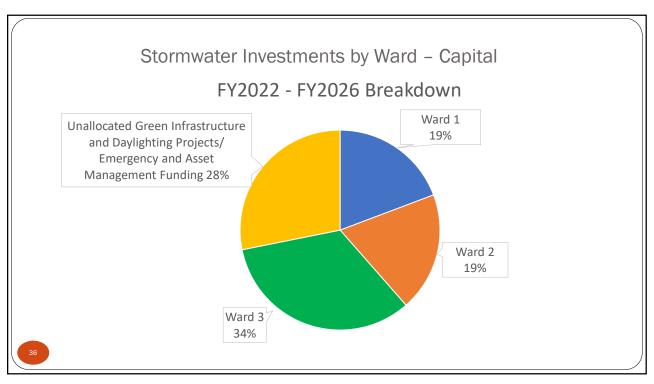




### Metrics from Vital Streets Work Volume Infiltrated per Acreage of Treatment Trees Added Infiltration Project Name Walker, 7th, Stocking and 101 400,511 31.0 Jenette Madison & Alger 0.4 65 152,704 Eastern - Ardmore to Oakdale 41 24,600 0.1 -11 Hastings and Sinclair 107,104 0.3 1.1 Alger and Eastern 134 568,519 82 Hall - Kalamazoo to Sylvan 2,436,979 5.9 Hall - Division to Jefferson 0.0 1,800 Plainfield - I-96 to Rupert 58 36,000 0.1 1.0 Prince, College, Union and Henr 416,314 Rosewood - CSX to Burton 454,815 1.1 -19 0.5 Sinclair and Trowbridge 184,106 Tremont, Ravine, Simpson, Beechton and Tremont Ct Godfrey, Oxford and Curve (0.0) 55,800 93 0.1 Ottawa - Cherry to Oakes 307,026 0.7 10 Lake - Atlas to east city limits Total 81,803 **5,227,481** 0.2 **42.24**

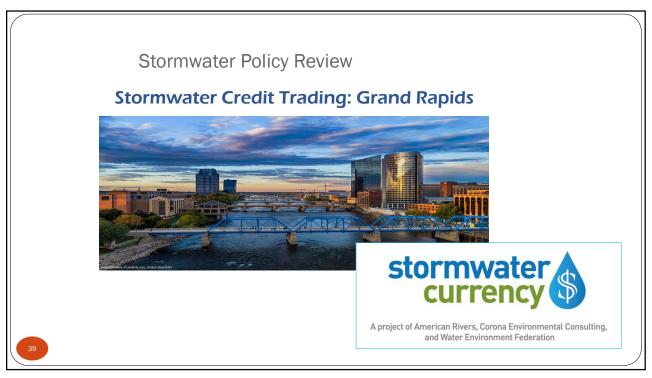
# 2020 Capital Improvement Plan Key Projects Designed in 2020 Glen Echo Streambank Stabilization Alger Streambank Stabilization The Highlands All planned for 2021 construction

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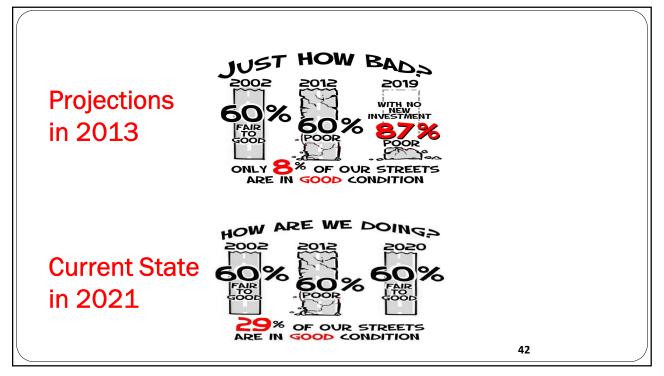
			Inspectio	n		
	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020
Asset	Actual	Actual	Actual	Actual	Actual	Actual
	Goal	Goal	Goal	Goal	Goal	Goal
Gravity	30,701	26,531	37,177	69,520	57,195	55,866
Mains (ft.)	15,018	22,744	30,471	38,197	45,924	53,650
Catch Basins	3,688	3,556	3,919	4,093	4,151	4,377
	3,766	3,865	3,965	4,065	4,164	4,264
Force Mains	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly
	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly
Culverts	0	0	10	5	209 (visually) 94 (cctv)	3 (cctv)
	8	16	24	31	39	47
Ditches (mi)	0	0.08	2	3	6	0
	1	1	2	3	3	4
Lift Stations	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly
	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly
Green Infra.	42/50	70/55	3x's per year	3x's per year	3x's per year	3x's per vear
	100%	100%	100%	100%	100%	100%

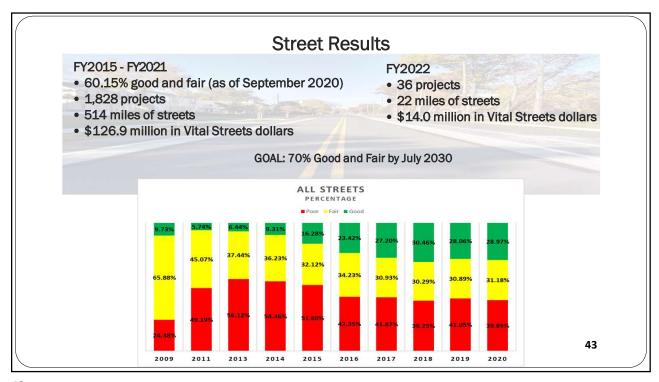
			Preventa	ative		
	FY2015	FY2016	FY2017	FY2018	FY2019	FY202
Asset	Actual	Actual	Actual	Actual	Actual	Actua
	Goal	Goal	Goal	Goal	Goal	Goal
Gravity Mains	23,288	32,458	195,906	277,527	352,820	432,42
(ft)	77,780	144,224	210,668	277,112	343,556	410,00
Catch Basins	3,688	3,556	3,919	4,093	4,151	4,264
	3,766	3,865	3,965	4,065	4,164	4,377
Culverts	0	0	10	5	9	4
Cuiverts	2	3	5	7	8	10
Lift Stations	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-week
LIII Stations	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	Bi-weekly	DI-WEEK
Green Infra.	42/50	70/55	3x's per year	3x's per year	3x's per year	3x's per year
	100%	100%	100%	100%	100%	100%

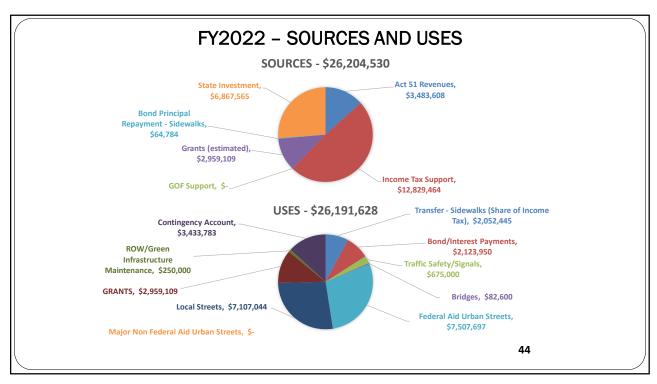


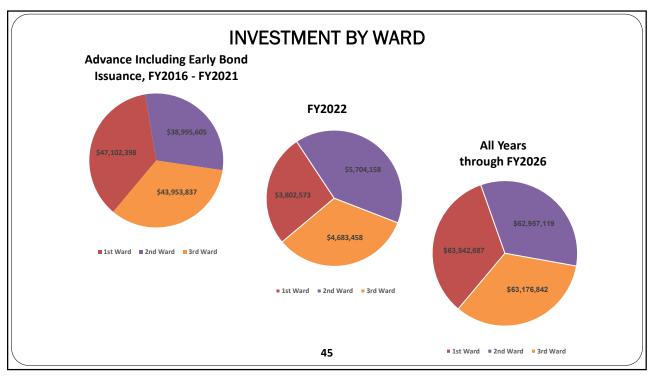










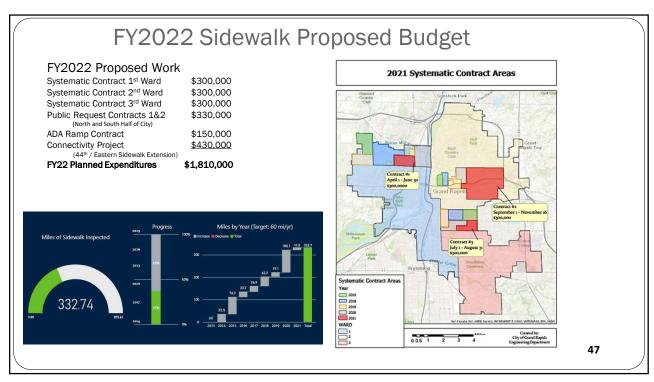


### **INVESTMENT FACTORS**

- 2013 Sustainable Streets Task Force Report Funding Recommendations
- Neighborhoods of Focus
- Vital Streets Plan
- Investment by others
- Current Condition
- Asset Management Principles



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### **ENGAGEMENT UPDATE**

- · Hosted 4 virtual community meetings
- Attended 12 meetings with businesses, residents, and organizations
- Sent more than 30,000 pieces of mail
- Responded to more than 370 service message requests from 311
- Implemented the use of Public Input
- · Completed a post construction mailer
- · Providing Spanish translations



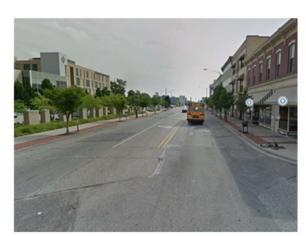


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Walker Avenue and Frederick Avenue





Division Avenue and Goodrich Street





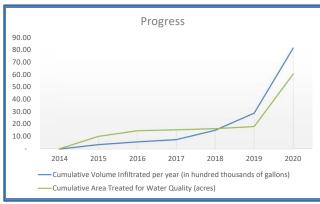
Hastings Street and North Avenue





Hastings Street and North Avenue

### Vital Streets Green Infrastructure



New Green Infrastructure	2019	2020	% Increase
Street Trees	271	552	104%
Bio Swales	16	78	388%
Infiltration Basins	6	43	617%
Porous Pavement	0	1	



Walker Avenue Tree Plantings



Alger Street Bioswales

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### Bicycle+ Facility Changes Completed in 2020

### Changes to Existing Bicycle Facilities

Division Ave S (Wealthy to Cherry) – removed shared lanes (-0.25 mi) Madison Ave SE (Alger to 28<sup>th</sup>)\* – widened bicycle lanes (0.50 miles) Mt Mercy Dr (Bridge to Valley) – added bike lanes both directions (0.5 mi) Ottawa Ave NW (Mason to Walbridge) – removed bikes lanes (-0.15 mi) Walker Ave NW (Valley to Leonard) – widened existing bike lanes (0.4 mi)

### New Neighborhood Bicycle Routes

Ravine Dr NW - Tremont to 4th St (0.10 miles)

### New Bicycle Lanes

Alger St SE – Madison to Kalamazoo\*\* (1.2 miles  $raised\ lanes$ ) Eastern Ave SE – Franklin to Hall and Oakdale to Ardmore\*\* (2 miles)

Hall St SE - Euclid to Jefferson\* (0.1 miles)

Lake Dr SE - Genesee/Atlas to east city limit (0.3 miles)

Madison Ave SE - Adams to Alger\* (1.2 miles)

Market Ave SW - Wealthy St to Indian Mounds\* (1.9 miles buffered lanes)

Walker Ave NW - Stocking to Valley\* (0.6 miles)

### New Shared Use Trail

Hasting St/Sinclair Ave NE - Coit to College (0.45 miles) Tremont Blvd NW - Mount Mercy to Covell Rd (0.65 miles)

\* Neighborhoods of Focus / \*\*Partially in Neighborhoods of Focus



Note: this list does projects completed through the annual pavement markings program or built with funds outside the Vital Streets Program

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### Bicycle+ Facility Changes - 2021 Vital Streets projects

<u>Changes to Existing Bicycle Facilities</u>
Coldbrook/Monroe/Ottawa intersection – incorporate existing/planned bicycle lanes into new roundabout and extend east to N Division Ave (adds 0.10 mile new lanes)

Lake Eastbrook Blvd (E Beltline to 28th St) - change bike lanes to shared use trail (0.8 mi) Mount Mercy/4th St/Valley intersection – incorporate bike lanes into new roundabout\*\* Straight St SW (Wealthy to Emperor)\* – markings/sign upgrades to existing Bicycle Route (0.2 miles)

Wealthy St SW (Straight to west of Front)\* - upgrade bike lanes to buffered lanes (0.10 mi)

### New Neighborhood Bicycle Routes

Garfield Ave NW - W Fulton to Second St\* (0.65 miles)

### New Bicycle Lanes

Franklin St SE - S Division to east city limit\*\* (1.95 miles) Godfrey Ave SW - Hall St to Liberty St\* (0.15 miles)

Hall St SE - Kalamazoo to Sylvan\*\* (0.75 miles)

 $\frac{New\ Shared\ Use\ Trail}{Godfrey\ Ave\ SW\ -\ Oxford\ to\ Hall\ St\ *\ (0.35\ miles)}$ 

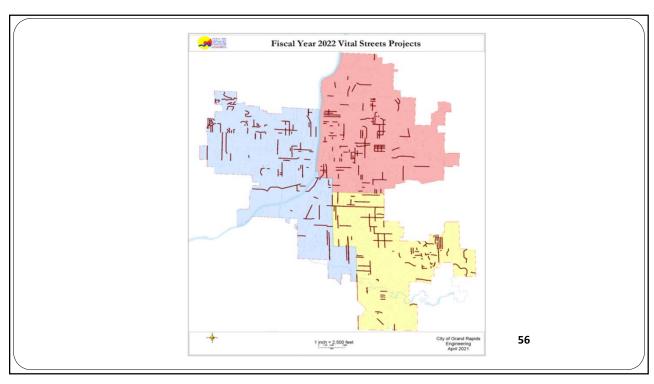
\* Neighborhoods of Focus / \*\*Partially in Neighborhoods of Focus Note: this list does <u>not</u> include Vital Streets maintenance paving projects (still TBD) or  $projects\ completed\ with\ the\ pavement\ markings\ program\ or\ other\ funds.$ 





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**Deliberation** (10am)

Public Hearing at City Commission (7pm)

Thursday, May 20\* City Commission Adoption (9 – 11am)

\*Special meeting scheduled

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- May 20 Rudget Adention

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